



PATENT APPLICATION

Sheet 1 of 1

FORM PTO-1449

LIST OF PATENTS AND PUBLICATIONS FOR
APPLICANT'S INFORMATION DISCLOSURE
STATEMENT

(Use several sheets if necessary)

ATTY. DOCKET NO.

10004123-1

APPLICATION NO.

10/099,607

CONFIRMATION NO.

APPLICANT

Michael R. Krause

FILING DATE

Mar. 15, 2002

GROUP

REFERENCE DESIGNATION

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	PUBLICATION DATE	NAME	Pages, Columns, Lines Where Relevant Passages or Figures Appear
AS	1A	4,475,192	10/1984	Fernow et al.	
	1B	5,506,964	4/1996	Beukema	
	1C	5,701,292	12/1997	Chiussi et al.	
	1D	5,734,653	3/1998	Hiraiwa et al.	
	1E	5,802,295	9/1998	Fukui et al.	
	1F	5,812,527	9/1998	Kline et al.	
	1G	5,987,506	11/1999	Carter et al.	
	1H	6,026,448	2/2000	Goldrian et al.	
	1I	6,047,323	4/2000	Krause	
✓	1J	6,088,736	7/2000	Manning et al.	
	1K				

RECEIVED

MAY 31 2002

Technology Center 2100

FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	PUBLICATION DATE	NAME OF PATENTEE OR APPLICANT	Pages/Columns/Lines Where Relevant Passages/Figures Appear	Check if Translation attached
	1L				
	1M				
	1N				
	1O				
	1P				

OTHER REFERENCES (including Author, Title, Date, Pertinent Pages, etc.)

AS	1Q	IBM Corp., "Direct Memory Access Tag Architecture," IBM Technical Disclosure Bulletin, Vol. 32, No. 4B, pp. 143-151 (September 1989).
	1R	
	1S	

EXAMINER

DATE CONSIDERED

APR-28-05

Best Available Copy



PATENT APPLICATION

Sheet 1 of 5

LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary)	ATTY. DOCKET NO.	APPLICATION NO.	CONFIRMATION NO.
	10004123-1	10/099,607	5565
	APPLICANT		
	Michael R. Krause		
	FILING DATE	GROUP	
	March 15, 2002	2143	

REFERENCE DESIGNATION

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	PUBLICATION DATE	NAME	Pages, Columns, Lines Where Relevant Passages or Figures Appear
JS	1A	6,286,052	9/2001	McCloghrie et al.	
JS	1B	6,434,624	8/2002	Gai et al.	
	1C				
	1D				
	1E				
	1F				
	1G				
	1H				
	1I				
	1J				
	1K				

RECEIVED

MAY 14 2004

Technology Center 2100

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	PUBLICATION DATE	NAME OF PATENTEE OR APPLICANT	Pages/Columns/Lines Where Relevant Passages/Figures Appear	Check if Translation attached
	1L					
	1M					
	1N					
	1O					
	1P					

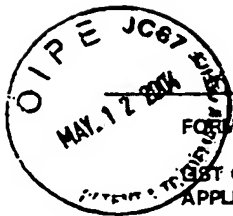
OTHER REFERENCES (including Author, Title, Date, Pertinent Pages, etc.)

JS	1Q	Brakmo, Lawrence S. et al., "TCP Vegas: End to End Congestion Avoidance on a Global Internet," IEEE Journal on Selected Areas in Communications, Vol. 13, No. 8, pp. 1465-1480 (October 1995).
	1R	Cisco Systems, Inc., "Optimizing Your Network Design," Macmillan Publishing USA, pp. 1-23, (1999). < www.cisco.com >
	1S	Eloumi, Omar et al., "Improving Congestion Avoidance Algorithms for Asymmetric Networks," IEEE, pp. 1417-1421 (1997).

EXAMINER

DATE CONSIDERED

APR 28 05



FORM PTO-1449

OFFICE OF PATENTS AND PUBLICATIONS FOR
APPLICANT'S INFORMATION DISCLOSURE
STATEMENT

(Use several sheets if necessary)

ATTY. DOCKET NO.

10004123-1

APPLICATION NO.

10/099,607

CONFIRMATION NO.

5565

APPLICANT

Michael R. Krause

FILING DATE

March 15, 2002

GROUP

2143

REFERENCE DESIGNATION

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	PUBLICATION DATE	NAME	Pages, Columns, Lines Where Relevant Passages or Figures Appear
	2A			
	2B			
	2C			
	2D			
	2E			
	2F			
	2G			
	2H			
	2I			
	2J			
	2K			

RECEIVED

MAY 14 2004

Technology Center 2100

FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	PUBLICATION DATE	NAME OF PATENTEE OR APPLICANT	Pages/Columns/Lines Where Relevant Passages/Figures Appear	Check if Translation attached
	2L				
	2M				
	2N				
	2O				
	2P				

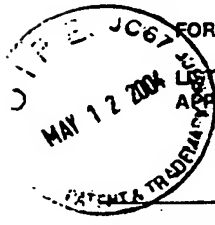
OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, etc.)

AS	2Q	Henderson, Thomas R. et al., "On Improving the Fairness of TCP Congestion Avoidance," IEEE, pp. 539-544 (1998).
I	2R	Kim, Jin-Ho et al., "TCP Deadlock Due to Coarse Timer Granularities in Unix-Based Systems," Electronics Letters, Vol. 35, No. 14, (July 8, 1999).
↓	2S	Misra, Archan et al., "The Window Distribution of Idealized TCP Congestion Avoidance with Variable Packet Loss," IEEE, pp. 1564-1572 (1999).

EXAMINER

DATE CONSIDERED

APR-28-05



FORM PTO-1449

LIST OF PATENTS AND PUBLICATIONS FOR
APPLICANT'S INFORMATION DISCLOSURE
STATEMENT

(Use several sheets if necessary)

ATTY. DOCKET NO.

10004123-1

APPLICATION NO.

10/099,607

CONFIRMATION NO.

5565

APPLICANT

Michael R. Krause

FILING DATE

March 15, 2002

GROUP

2143

REFERENCE DESIGNATION

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	PUBLICATION DATE	NAME	Pages, Columns, Lines Where Relevant Passages or Figures Appear
	3A			<div style="text-align: center;"> RECEIVED MAY 14 2004 Technology Center 2100 </div>
	3B			
	3C			
	3D			
	3E			
	3F			
	3G			
	3H			
	3I			
	3J			
	3K			

FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	PUBLICATION DATE	NAME OF PATENTEE OR APPLICANT	Pages/Columns/Lines Where Relevant Passages/Figures Appear	Check if Translation attached
	3L				
	3M				
	3N				
	3O				
	3P				

OTHER REFERENCES (including Author, Title, Date, Pertinent Pages, etc.)

	3Q	Moldeklev, Kjersti et al., "How a Large ATM MTU Causes Deadlocks in TCP Data Transfers," IEEE/ACM Transactions on Networking, Vol. 3, No. 4, pp. 409-422 (August 1995).
	3R	Parsa, Christina et al., "Improving TCP Congestion Control over Internets with Heterogeneous Transmission Media," IEEE Computer Society, Seventh International Conference on Network Protocols (ICNP'99); pp. 213-221 (October 31-November 3, 1999).
	3S	Ren, Jing-Fei et al., "Flow Control and Congestion Avoidance in Switched Ethernet LANs," IEEE, pp. 508-512 (1997).

EXAMINER

DATE CONSIDERED

FORM PTO-1449

ATTY. DOCKET NO.

10004123-1

APPLICATION NO.

10/099,607

CONFIRMATION NO.

5565

LIST OF PATENTS AND PUBLICATIONS FOR
APPLICANT'S INFORMATION DISCLOSURE
STATEMENT

(Use several sheets if necessary)

APPLICANT

Michael R. Krause

FILING DATE

March 15, 2002

GROUP

2143

REFERENCE DESIGNATION

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	PUBLICATION DATE	NAME	Pages, Columns, Lines Where Relevant Passages or Figures Appear
	4A			
	4B			
	4C			
	4D			
	4E			
	4F			
	4G			
	4H			
	4I			
	4J			
	4K			

RECEIVED

MAY 14 2004

Technology Center 2100

FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	PUBLICATION DATE	NAME OF PATENTEE OR APPLICANT	Pages/Columns/Lines Where Relevant Passages/Figures Appear	Check if Translation attached
	4L				
	4M				
	4N				
	4O				
	4P				

OTHER REFERENCES (including Author, Title, Date, Pertinent Pages, etc.)

4Q	Rohrs, Charles E. et al., "A Control Engineer's Look at ATM Congestion Avoidance," IEEE, pp. 1089-1094 (1995).	
4R	Rosenberg, Jonathan et al., "Timer Reconsideration for Enhanced RTP Scalability," IEEE, pp. 233-241 (1998).	
4S	"Congestion Avoidance Overview," pp. QC-69-QC76.	

EXAMINER

DATE CONSIDERED

PATENT APPLICATION

Sheet 5 of 5

FORM PTO-1449

ATTY. DOCKET NO.

10004123-1

APPLICATION NO.

10/099,607

CONFIRMATION NO.

5565

LIST OF PATENTS AND PUBLICATIONS FOR
APPLICANT'S INFORMATION DISCLOSURE
STATEMENT

(Use several sheets if necessary)

APPLICANT

Michael R. Krause

FILING DATE

March 15, 2002

GROUP

2143

REFERENCE DESIGNATION

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	PUBLICATION DATE	NAME	Pages, Columns, Lines Where Relevant Passages or Figures Appear
	5A			
	5B			
	5C			
	5D			
	5E			
	5F			
	5G			
	5H			
	5I			
	5J			
	5K			

RECEIVED


MAY 14 2004

Technology Center 2100

FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	PUBLICATION DATE	NAME OF PATENTEE OR APPLICANT	Pages/Columns/Lines Where Relevant Passages/Figures Appear	Check if Translation attached
	5L				
	5M				
	5N				
	5O				
	5P				

OTHER REFERENCES (including Author, Title, Date, Pertinent Pages, etc.)

	5Q	"Weighted Random Early Detection on the Cisco 12000 Series Router," pp. 1-26.	✓
	5R		
	5S		

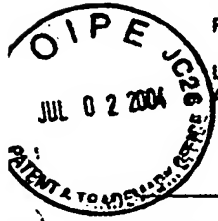
EXAMINER

DATE CONSIDERED

APR-28-05

PATENT APPLICATION

Sheet 1 of 1



FORM PTO-1449

LIST OF PATENTS AND PUBLICATIONS FOR
APPLICANT'S INFORMATION DISCLOSURE
STATEMENT

(Use several sheets if necessary)

ATTY. DOCKET NO.

10004123-1

APPLICATION NO.

10/099,607

CONFIRMATION NO.

5565

APPLICANT

Michael R. Krause

FILING DATE

March 15, 2002

GROUP

2143

REFERENCE DESIGNATION

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	PUBLICATION DATE	NAME	Pages, Columns, Lines Where Relevant Passages or Figures Appear
AS	1A	5,063,562	11/1991	Barzilai et al.	
J	1B	5,193,151	3/1993	Jain	
	1C	5,313,454	5/1994	Bustini et al.	
	1D				
	1E				
	1F				
	1G				
	1H				
	1I				
	1J				
	1K				

RECEIVED

JUL 08 2004

Technology Center 2100

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	PUBLICATION DATE	NAME OF PATENTEE OR APPLICANT	Pages/Columns/Lines Where Relevant Passages/Figures Appear	Check if Translation attached
	1L					
	1M					
	1N					
	1O					
	1P					

OTHER REFERENCES (including Author, Title, Date, Pertinent Pages, etc.)

	1Q	
	1R	
	1S	

EXAMINER

DATE CONSIDERED

APR 27-05

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet	1	of	1
-------	---	----	---

Complete if Known

Application Number	10/099,607
Filing Date	March 15, 2002
First Named Inventor	Michael R. Krause
Art Unit	2143
Examiner Name	David A. Wiley
Attorney Docket Number	10004123-1

U. S. PATENT DOCUMENTS

[illegible]

FOREIGN PATENT DOCUMENTS

[illegible]

**Examiner
Signature**

Date
Considered

APR-28-05

*EXAMINER: Initial if referenced, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶ Applicant is to place a check mark here if English language translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.